Wasin Hongmanee

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EDUCATION

University Of California, Davis | 2021
Bachelor of Science, Statistics
Minor in Computer Science
Notable Classes: Machine Learning, Artificial Intelligence, Statistical Data Science

PROJECTS

Visualizing my Restaurant's KPIs with an interactable Dashboard

https://github.com/WasinHongmanee/Sales-Report/blob/main/dashboard.pdf

- Reduced dashboard loading time by 30% by manipulating data
- Identified KPIs and visualized trends filtered by year and quarter
- Used project to propose improved employee work hour plans for winter 2021
- Worked with Power BI

Key Predictors to win in League of Legends

https://github.com/WasinHongmanee/League-Win-Predictors

- Parsed through over 6500 games collected from Riot Games API
- Removed 1500 duplicated matches, identified and removed tied matches and corrected variable data types and mislabeled NA data points
- Created easy to understand histograms, bar graphs, and point plots to visualize and summarize main features
- Preprocessed dependent variables by scaling numeric features using MinMaxScaler and label-encoded categorical features
- Trained a logistic regression model with a mean k-fold cross validation accuracy of 72%
- Employed feature selection algorithms SelectKBest and RFE to increase model accuracy
- Worked with Python, sklearn, JSON, REST API, SeaBorn, Jupyter Notebooks

WORK EXPERIENCE

Bar manager
Sawasdee Thai Cuisine (Santa Cruz, CA)
2019-Present

- Increased employee retention with consistent feedback and communication
- Hired and trained 3 bartenders
- Created 3 promotions targeted to improve foot traffic

Supervisor
Sawasdee Thai Cuisine (Santa Cruz,CA)
2015 - 2019

- Supervised a restaurant floor with up to 10 employees
- Managed scheduling for 11 employees

TECHNICAL SKILLS

Languages: R, Python, SQL, Power BI
Packages: TensorFlow, Scikit Learn, Seaborn, Pandas, NumPy, Ggplot2